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# SUGAR REPORTS

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE

WASHINGTON, D.C.

APRIL 1970

NO. 215

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### MARKET REVIEW

Sales of sugar by all primary distributors through April 11 totaled 2,832,000 short tons, raw value, according to preliminary reports. This was about 326,000 tons more than during the comparable period of 1969 and 250,000 tons more than during the same period of 1968. Taking into account constructive marketings,<sup>1/</sup> which at year-end 1968 totaled 217,000 tons compared with 40,000 tons at year-end 1969 physical deliveries in 1970, to date, have been respectively about 149,000 tons and 279,000 tons larger than during the comparable periods of 1969 and 1968.

Reported deliveries of refined sugar by states during the period January-February 1970 were 23 percent larger than deliveries during these two months last year. Increases occurred in all five of the geographic regions. The western region had the largest increase -- 45.0 percent--followed by the north Central region with 43.0 percent, the South, 9.4 percent, the mid-Atlantic, 8.3 percent and New England, 7.9 percent. As is apparent, constructive marketings had been largest in the west and north Central regions.

Individually, 42 states had increased deliveries of sugar as compared with last year; two states had about the same deliveries and six received less sugar. Fourteen states received over 100,000 hundredweight more sugar in January-February 1970 than in these months of 1969. Illinois had the largest increase-- up 1,377,000 hundredweight -- followed by California where receipts increased by 869,000 hundredweight. Of those states receiving less sugar, the declines ranged from 28,000 hundredweight in Alabama to 2,000 hundredweight in Vermont.

Inventories of raw and refined sugar reported on hand by all primary distributors as of March 28, 1970 totaled 2,679,000 short tons, raw value, according to preliminary reports. This was about 149,000 tons less than at the end of February and 59,000 tons less than at the end of March a year ago. Beet processors' stocks of

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<sup>1/</sup> Sold before year's end but physically delivered in first two months of following year.



1,553,000 tons were 154,000 tons less than a month earlier and 60,000 tons less than a year earlier. Cane sugar refiners' stocks of raw and refined sugar were reported as 768,000 tons on March 28, up from 671,000 tons a month earlier and up 60,000 tons from the end of March last year.

During the period under review, there were several announced changes in the quoted wholesale price for refined sugar sold in the basis pack--100-pound paper bags.

A beet sugar processor in the Pacific Coast region on March 27 announced an increase of .20 cent per pound, from 10.50 cents to 10.70 cents, for sugar sold in 100-pound paper bags, effective March 30, 1970. Provision was made, however, to continue accepting orders at the pre-announcement prices through April 10, 1970. On March 31, the cane sugar refiner on the West Coast followed with an announcement of similar increases in prices for the West Coast region and in addition extended the .20 cent per pound increase in the 100-pound bag price to the Intermountain Northwest region. Other interested sellers in the Intermountain Northwest region followed with announcements of similar price import.

On April 2 another beet sugar processor in the Pacific Coast region followed with the .20 cent per pound increase in the quoted price for the basis pack already announced by others but extended the period during which orders would be accepted at the pre-announcement prices until close of business April 30. Other interested sellers in the region followed with announcements of similar prices and terms.

A beet sugar processor announced on March 24 that in designated parts of the Chicago-west sales territory, on a day-to-day basis, effective April 1, the quotation for industrial sugars packed in 100-pound bags would be 10.30 cents per pound. On April 3, a cane sugar refiner announced that in view of announced and unannounced competitive activity in the Chicago-west region, retroactive to April 1, 1970, the list price for 100-pound bags of granulated sugar would be 10.55 cents per pound. Most other sellers in the Chicago-west sales region are quoting the basis pack at 10.85 cents per pound.

Shown below are the price quotations as of April 20, by regions, for refined sugar sold at wholesale in the basis pack-- 100-pound paper bags. Significant variations between actual and quoted prices may be found in certain regions reflecting competitive conditions peculiar to these regions.

	<u>Cane</u>	<u>Beet</u>
	<u>Cents per pound in 100-pound paper bags</u>	
Northeast	11.70	
Southeast	11.20	
Gulf	10.85/10.90	
Eastern beet		10.85
Chicago-west	10.55/10.85	10.30/10.85
Lower Pacific	10.50	10.50
Northwest Intermountain	10.70	10.70

The U. S. average retail price for refined sugar sold in 5-pound paper bags during February was 12.58 cents per pound, up from 12.54 cents in January and up from 12.20 cents during February 1969.

The price quotation for raw sugar, duty paid and delivered to New York, as established by the spot committee of the New York Coffee and Sugar Exchange, averaged 7.90 cents per pound during March, down from 7.96 cents in February and up from 7.76 cents during March 1969. For the period January through March 1970, the price has averaged 7.99 cents per pound compared with 7.71 cents during these months last year. After starting 1970 at 8.00 cents per pound, the quotation rose during January to 8.18 cents where it remained during the period January 22-28. On January 29, the quotation declined to 8.05 cents and continued to decline during February reaching 7.90 cents per pound on February 18. It remained at that price through April 22. This compares with a quotation of 7.79 cents per pound on April 22 last year and an average for the April 1-22 period of 7.80 cents.

Cane sugar production in Hawaii as of April 11, 1970 totaled 243,400 short tons, 96<sup>0</sup> basis compared with 103,128 tons last year when a strike had closed down 23 of the sugar plantations from February 15 through March 21. Production of sugar through April 13, 1968 amounted to 215,784 tons, 96<sup>0</sup> basis.

Production of cane sugar in Puerto Rico through April 12, 1970 amounted to 305,910 tons, about 35,000 tons more than through the comparable date last year. While sugar production so far this year is ahead of last year, the yield of sugar per ton of cane has averaged 8.003 percent compared with 9.000 percent through this date last year. The reduced yield has resulted from a higher trash content of the cane due in part to unfavorable weather during harvest and in part to greater use of mechanical harvesters because of a shortage of cane cutters.

The price quotation for World sugar (contract No. 8 of the New York Coffee and Sugar Exchange) averaged 3.44 cents per pound in March, up from 3.23 cents in February and down from 3.70 cents during March 1969.

It is interesting to note that consumption of sugar has been rising rapidly in Japan due in part to the elimination first of dulcin and later of cyclamates. The synthetics had represented a much larger percentage of sweetener consumption in that country than in the United States.



ADMINISTRATIVE ACTIONS

<u>Date announced</u>	<u>Nature of action</u>
April 2, 1970	Local producing areas in 11 states of the Domestic Sugarbeet Area designated as eligible for prevented acreage credit for 1969 crop of sugarbeets. (See April 9, 1970 Federal Register).
April 10, 1970	Announced its determination of fair and reasonable prices for the 1969-70 crop of Puerto Rican sugarcane. The determination continues the provisions of the prior determination except that for the first time processors may adopt the "direct cane analysis" method of sugarcane evaluation and also may use the "core sampler" to obtain samples from sugarcane deliveries for the purpose of determining the amount of trash and extraneous material in the delivery, provided the sample weighs at least 20 pounds. The changes are not expected to alter the rate at which producers and processors share in the returns from sugar and molasses. (See April 15, 1970 Federal Register).
April 14, 1970	Announced the fair and reasonable wage requirements for sugarbeet work in all producing areas effective April 27, 1970.  The determination increases the minimum time rate 10 cents per hour--from \$1.65 to \$1.75. Minimum piecework rates are increased by amounts ranging from \$0.50 to \$1.25 per acre. The new rates are \$12.75 for thinning; \$16.50 for hoeing; \$20.00 for



<u>Date announced</u>	<u>Nature of action</u>
April 14, 1970 (cont'd)	<p>hoe-trimming; and \$10.50 for weeding. The rate for blocking and thinning, applicable only in California, is increased \$1.50 per acre to \$28.00.</p> <p>Piecework rates for hand labor operations not specified in the determination may be agreed upon by the producer and worker, provided the worker's average hourly earnings equal or exceed the \$1.75 hourly minimum rate. (See April 17, 1970 Federal Register).</p>
April 15, 1970	<p>Removal of acreage restrictions on 1970-crop sugarbeet plantings was announced today by the U. S. Department of Agriculture. This action, USDA officials said, recognizes the continued lessening of sugar recovery from 1969-crop sugarbeets, as well as some downward estimates of plantings for 1970.</p> <p>Producers now can plant as many 1970-crop sugarbeets as they wish. However, USDA pointed out that a producer cannot afford to plant more beets than a factory will contract to receive.</p>

<u>Date announced</u>	<u>Nature of action</u>
April 17, 1970	<p>Announced a revision of the preliminary sugar marketing allotments for mainland cane sugar processors.</p> <p>This amendment increases the allotments established for 11 processors and reduces those established for nine processors as compared to those initially determined on Jan. 1, 1970. The revised allotments reflect changes in Jan. 1, 1970 effective inventories of sugar based on end of harvest data for 1969 crop sugar. (See April 22, 1970 Federal Register).</p>
April 17, 1970	<p>Announced that a public hearing to determine the method of allotting the full 1970 sugar quota for the Mainland Cane Sugar Area (S.R. 814) will be held on May 22, 1970, beginning at 10:00 a.m., e.d.t., in the Eden Roc Hotel, Miami Beach, Florida.</p> <p>Allotment of the quota is necessary to provide each processor of mainland sugarcane an equitable opportunity to market sugar within the 1970 quota.</p> <p>Preliminary allotments of a portion of the 1970 quota are currently in effect pending establishment of allotments for the full calendar year 1970. (See April 22, 1970 Federal Register).</p>

STATISTICAL SERIES IN THIS ISSUEHIGHLIGHTS

1. March 1970 sugar deliveries for continental U. S. consumption 916,000 short tons, raw value (preliminary) up about 133,000 tons from February 1970 and up 13,000 tons from March 1969. January-March 1970 deliveries 2,515,000 short tons, raw value, up 308,000 tons from January-March 1969. Final data for February 1970 deliveries 783,000 short tons, raw value - previously published preliminary as 775,000 tons.

2. Primary distributors' stocks March 28, 1970 were 2,679,000 short tons, raw value (preliminary) down 59,000 tons from a year ago, and down 149,000 tons from February 1970. During March refiners' stocks increased 97,000 tons, beet processors' stocks decreased 154,000 tons, mainland cane processors' stocks decreased 88,000 tons and importers of direct consumption sugar stocks decreased about 4,000 tons.

3. Charges to quotas January 1 to March 31, 1970 were 2,783,571 short tons, raw value, leaving a balance of 8,016,429 tons to be supplied within the 10,800,000 ton total.

4. Regionally, January-February deliveries, 1970 as compared to 1969 were up in all of the 5 regions: Increases - West 45.0 percent, North Central 43.0 percent, South 9.4 percent, mid-Atlantic 8.3 percent and New England 7.9 percent.

Table 1.- Sugar supply and disposition by primary distributors, January-February 1970

(Short tons, raw value)

Item	Beet	Importers	Main-land	Refiners		Net total
	processors		processors	Raw	Refined	
	(1)	(2)	(3)	(4)	(5)	(6)
SUPPLY						
1. <u>Inventory Jan.1,1970</u>	1,413,162	9,943	409,117	695,091 <sup>2/</sup>	269,069 <sup>2/</sup>	2,796,382
2. <u>Production and movement</u>						
a. Received as direct-consumption sugar	0	20,125	0	0	900	21,025
b. Produced from beets or cane	764,547	0	301,798	0	0)	
Less deliveries to refiners	0	0	265,078	0	0)	801,267 <sup>3/</sup>
c. Receipts of raws by refiners	0	0	0	837,662 <sup>4/</sup>	0)	
Less raws melted	0	0	0	1,121,397	0)	-283,735 <sup>5/</sup>
d. Refined from raws melted	0	0	0	0	1,111,411	1,111,411
e. Adjustments	-99	-39	+1,633	-973	+1,609	+2,131
f. Sub-total	764,448	20,086	38,353	-284,708	1,113,920	1,652,099
3. <u>Net total supply</u>	2,177,610	30,029	447,470	410,383	1,382,989	4,448,481
DISPOSITION						
4. <u>Distribution for</u>						
a. Quota purposes	470,213	18,751	9,660	2,976	1,096,939	1,598,539
b. Export	0	0	0	0	9,884	9,884
c. Livestock feed	0	251	0	0	12,092	12,343
d. Alcohol	0	0	0	0	414	414
e. Sub-total	470,213	19,002	9,660	2,976	1,119,329	1,621,180
5. <u>Inventory Feb.28,1970</u>	1,707,397	11,027	437,810	407,407 <sup>6/</sup>	263,660 <sup>6/</sup>	2,827,301
6. <u>Total distribution and inventory</u>	2,177,610	30,029	447,470	410,383	1,382,989	4,448,481

<sup>1/</sup> Establishments that acquire no raw sugar from others for refining. Processor-refiners are included with refiners.

<sup>2/</sup> Includes mainland cane sugar not charged to quota: Raws, 200,682; Refined, 23,486; Total, 224,170.

<sup>3/</sup> Production less deliveries of raw sugar to refiners.

<sup>4/</sup> Includes 265,078 tons received from mainland cane processors.

<sup>5/</sup> Receipts of raw sugar by refiners less melt.

<sup>6/</sup> Refiners' inventories include mainland cane sugar not charged to quota: Raws, 46,145; Refined, 15,372; Total, 61,517. Importers' inventory include 120 tons for quota exempt purposes.



Table 2- Distribution of sugar by primary distributors, January-February 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
<u>Continental United States</u>			
Refiners' raw	2,976	2,950	+26
Refiners' refined	1,119,329	991,280	+128,049
Sub-total	1,122,305	994,230	+128,075
Beet processors' refined	470,213	308,340	+161,873
Importers' direct consumption	19,002	11,421	+7,581
Mainland sugarcane processors'	9,660	10,158	-498
Total	1,621,180	1,324,149	+297,031
For: Alcohol	414	863	-449
Export	9,884	12,227	-2,343
Livestock feed	12,343	7,957	+4,386
Continental consumption <sup>1/</sup>	1,598,539 <sup>2/</sup>	1,303,102	+295,437
<u>Puerto Rico</u>	18,000 <sup>2/</sup>	18,378	-378
<u>Hawaii</u>	4,469	6,731	-2,262

<sup>1/</sup> Includes deliveries for United States military forces at home and abroad. <sup>2/</sup> Estimated

Table 3.- Stocks of sugar held by primary distributors in the continental United States, February 28, 1970 and 1969

Item	1970	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	407,407	597,940	-190,533
Refiners' refined	263,660	224,250	+39,410
Sub-total <sup>1/</sup>	671,067	822,190	-151,123
Beet processors' refined	1,707,397	1,833,286	-125,889
Importers' direct consumption	11,027	10,663	+364
Mainland sugarcane processors'	437,810	480,220	-42,410
Total	2,827,301	3,146,359	-319,058

<sup>1/</sup> Included mainland cane sugar not charged to quota; 1970 - Raws, 46,145; Refined, 15,372; Total, 61,517; 1969 - Raws, 64,499; Refined, 10,630; Total, 75,129.

Table 4.- Distribution of sugar by primary distributors in the continental United States, March and January-March 1970 and 1969

January-March 1970 and 1969				
Item	1970 1/		1969	
	March	Jan.-Mar.	March	Jan.-March
Short tons, raw value				
Refiners	616,778	1,739,083	625,678	1,619,908
Beet processors' refined	286,326	756,539	270,945	579,285
Importers' direct consumption	9,979 <sup>2/</sup>	28,981	15,929	27,350
Mainland sugarcane processors'	3,000 <sup>2/</sup>	12,660	6,497	16,655
Total	916,083	2,537,263	919,049	2,243,198
For: Alcohol	n.a.	414	1,675	2,538
Export	n.a.	9,884	7,272	19,499
Livestock feed	n.a.	12,343	6,809	14,766
Continental consumption 3/	916,083	2,514,622	903,293	2,206,395
1/ Preliminary. 2/ Estimated. 3/ Includes deliveries for U.S. military forces at home and abroad.				

<sup>1/</sup> Preliminary. <sup>2/</sup> Estimated. <sup>3/</sup> Includes deliveries for U.S. military forces at home and abroad.

Table 5.- Stocks of sugar held by primary distributors in the continental United States, March 28, 1970 and March 31, 1969

Item	1970 <sup>1/</sup>	1969	Change 1969 to 1970
Short tons, raw value			
Refiners' raw	494,368	456,836	+37,532
Refiners' refined	273,942	251,122	+22,820
Sub-total	768,310	707,958	+60,352
Beet processors' refined	1,553,444	1,613,125	-59,681
Importers' direct consumption	6,914	10,596	-3,682
Mainland sugarcane processors'	350,000 <sup>2/</sup>	405,573	-55,573
Total	2,678,668	2,737,252	-58,584

<sup>1/</sup> Preliminary

<sup>2/</sup> Estimated

Table 6- Mainland sugar: Production and quota charges January-February 1970 and 1969

Item	:	:	:	:	Change 1969 to 1970
	:	1970	:	1969	:
	:	:	:	:	:
<u>Short tons, raw value</u>					
<u>Production</u>					
Mainland cane		302,154		302,844	-690
Domestic beet		<u>764,448</u>		<u>767,746</u>	<u>-3,298</u>
Total		1,066,602		1,070,590	-3,988
<u>Quota charges</u>					
Mainland cane:					
Louisiana sugarcane processors					
For further processing		233,376		265,320	-31,944
For direct-consumption		4,500		4,951	-451
Louisiana processor-refiners		34,269		39,186	-4,917
Florida sugarcane processors		<u>163,969</u>		<u>189,173</u>	<u>-25,204</u>
Sub-total		436,114		498,630	-62,516
Beet processors		470,213		308,340	+161,873
Total		906,327		806,970	+99,357

Table 7.- Offshore receipts of quota exempt and over-quota sugar included in Table 8.

Purpose	:	Refiners	:	Importers	:	Total
	:	1970	:	1969	:	1970
	:	1969	:	1970	:	1969
<u>Short tons, raw value</u>						
<u>For export</u>						
Brazil		15,073		120		15,073
Colombia		6,001				6,001
Guatemala	5,890				5,890	
Hawaii	337				337	
Honduras	174				174	
South Africa		<u>4,688</u>				<u>4,688</u>
Total	6,401	25,762		120	6,521	25,762
<u>For livestock feed</u>						
Belgium				2,358		2,358
Brazil	5,517	1,485			5,517	1,485
France				4,129		4,129
South Africa	<u>9,429</u>				<u>9,429</u>	
Total	14,946	1,485		6,487	14,946	7,972
<u>For alcohol</u>						
Brazil		5,329				5,329
Colombia		<u>5,747</u>				<u>5,747</u>
Total		11,076				11,076
<u>Held pending availability of quota</u>						
Venezuela		<u>1,562</u>				<u>1,562</u>
Total		1,562				1,562
<u>In Customs custody</u>						
Hong Kong				2		2
Reunion		11,492				11,492
Venezuela		<u>2,178</u>				<u>2,178</u>
Total		13,670		2		13,672
GRAND TOTAL	21,347	53,555	120	6,489	21,467	60,044

Table 8.-Sugar receipts of refined and importers by source of supply<sup>1/</sup> January-February 1970 and 1969

Source of supply	Raw sugar		Direct consumption sugar		Total	
	1970	1969	1970	1969	1970	1969
Short tons, raw value						
<u>OFFSHORE</u>						
<u>Foreign</u>						
Argentina	4,743				4,743	
Bahamas	1,998				1,998	
Belgium				2,358		2,358
Brazil	96,765	101,575	120		96,885	101,575
British West Indies	5,166				5,166	
Colombia		21,539	8		8	21,539
Costa Rica	6,302				6,302	
Denmark			10		10	
Dominican Republic	95,886	10,756			95,886	10,756
Ecuador	9,417				9,417	
El Salvador	15,317	10,594			15,317	10,594
France				4,129		4,129
Germany, West			10	10	10	10
Guatemala	24,244				24,244	
Honduras	5,227				5,227	
Hong Kong				10		10
India			4		4	
Ireland			2,672		2,672	
Mexico	118,509	83,847		4	118,509	83,851
Netherlands			10		10	
Panama	5,758				5,758	
Peru	40,909	33,675			40,909	33,675
Philippines		60,957				60,957
Reunion		11,492				11,492
South Africa	14,849	17,158			14,849	17,158
Sweden			6	10	6	10
Venezuela	7,686	8,913			7,686	8,913
Total	452,776	360,506	2,840	6,521	455,616	367,027
<u>Domestic</u>						
Hawaii	76,392	72,631	900 <sup>2/</sup>	459 <sup>2/</sup>	77,292	73,090
Puerto Rico	43,123		17,285	4,063	60,408	4,063
Virgin Islands	0	0	0	0	0	0
Total domestic	119,515	72,631	18,185	4,522	137,700	77,153
Total offshore	572,291	433,137	21,025	11,043	593,316	444,180
Mainland cane area	265,078	273,027	0 <sup>3/</sup>	0 <sup>3/</sup>	265,078	273,027
Acquired for reprocessing and samples	293	292	0	0	293	292
GRAND TOTAL	837,662	706,456	21,025	11,043	858,687	717,499

<sup>1/</sup> Includes sugar as detailed in Table 7.

<sup>2/</sup> Refined sugar received by refiners.

<sup>3/</sup> Refined sugar produced direct from cane by processor - refiner.



Table 9.- Status of 1970 quotas and charges as of March 31, 1970

Source of supply	Quotas and prorations	Charges to quotas 1/			Balances 2/
		Set-aside	By SU-3	Total 2/3/	
Short tons, raw value					
Domestic beet sugar	3,215,667			757,000	2,458,667
Mainland cane sugar	1,169,333			535,000	634,333
Hawaii	1,150,000			142,656	1,007,344
Puerto Rico	1,140,000			92,581	1,047,419
Virgin Islands	15,000				15,000
Total	6,690,000			1,527,237	5,162,763
Republic of the Philippines	1,126,020	53,159 <sup>4/</sup>	123,133	176,292	949,728
Argentina	57,118		27,551	27,551	29,567
Australia	195,865		2,249	2,249	193,616
Bahamas	10,000		5,400	5,400	4,600
Bolivia	5,528				5,528
Brazil	464,316		188,004	188,004	276,312
British Honduras	12,005		7,482	7,482	4,523
British West Indies	164,783		29,697	29,697	135,086
China, Republic of	81,610		49,131	49,131	32,479
Colombia	49,134		12,347	12,347	36,787
Costa Rica	54,661	2,016	15,447	17,463	37,198
Dominican Republic	464,316		223,986	223,986	240,330
Ecuador	67,559		14,394	14,394	53,165
El Salvador	33,780		21,134	21,134	12,646
Fiji Islands	42,981		1,912	1,912	41,069
French West Indies	51,836		25,856	25,856	25,980
Guatemala	46,064		42,477	42,477	3,587
Haiti	25,795	5,000		5,000	20,795
Honduras	5,528		5,427	5,427	101
India	78,346		3,800	3,800	74,546
Ireland	5,351		4,008	4,008	1,343
Malagasy Republic	9,250				9,250
Mauritius	17,955		184	184	17,771
Mexico	474,758		199,710	199,710	275,048
Nicaragua	54,661		14,119	14,119	40,542
Panama	34,394		12,280	12,280	22,114
Peru	370,348		102,640	102,640	267,708
South Africa	57,671		55,757	55,757	1,914
Swaziland	7,073		348	348	6,725
Thailand	17,955				17,955
Venezuela	23,339		7,686	7,686	15,653
Total foreign	4,110,000	60,175	1,196,159	1,256,334	2,853,666
GRAND TOTAL	10,800,000			2,783,571	8,016,429

1/ Domestic beet and mainland cane sugar marketings partly estimated; all other sugar entered or authorized for entry.

2/ Direct-consumption charges and balances: Hawaii, 1,194 and 35,742; Panama, 470 and 3,347; Philippines 1,199 and 58,721; Puerto Rico, 22,417 and 139,583; Ireland, 4,008 and 1,343.

3/ Includes raw sugar for direct consumption: Hawaii, 26; Puerto Rico - 0.

4/ Represents quantity reserved for first quarter importation (on or before April 15, 1970)

Table 10.- Quota-exempt and over quota sugar authorized for entry as of March 31, 1970<sup>1/</sup>

Country	Reexport	Feed	Alcohol	For refining under bond	Total
Short tons, raw value					
Brazil	1,019	7,802			8,821
Guatemala	5,890				5,890
Honduras	174				174
Reunion	3,304				3,304
South Africa		16,661			16,661
Total	10,387	24,463			34,850

1/ In addition: (a) Under provisions of Sec. 212, 67 tons were entered as liquid sugar in small containers; 70 tons as the first ten tons;

(b) Raw sugar was brought in for refining and return to: Hawaii, 337 tons; Puerto Rico, 128 tons;

(c) Tons of sugar in Customs custody for subsequent entry: 37 Hong Kong; 4,322 Reunion.



Table 11 - Primary distribution of sugar, continental United States, by States, February 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights <sup>1/</sup>					
<u>New England</u>					
Connecticut	90,266	1,000	6,060		97,326
Maine	31,885		1,210		33,095
Massachusetts	384,366	2,800	1,200		388,366
New Hampshire	17,822		807		18,629
Rhode Island	26,829	400	403		27,632
Vermont	18,077				18,077
Sub-total	569,245	4,200	9,680		583,125
<u>Mid-Atlantic</u>					
New Jersey	655,843	1,000	61,662		718,505
New York	1,180,093	55,906	57,320		1,293,319
Pennsylvania	906,527	35,879	39,248		981,654
Sub-total	2,742,463	92,785	158,230		2,993,478
<u>North Central</u>					
Illinois	512,833	1,811,749	450	1,300	2,326,332
Indiana	316,494	122,231	400		439,125
Iowa	46,812	114,239			161,051
Kansas	64,843	83,728		530	149,101
Michigan	244,900	325,060			569,960
Minnesota	46,669	187,647			234,316
Missouri	247,712	166,876		1,200	415,788
Nebraska	9,103	109,546			118,649
North Dakota	128	22,762			22,890
Ohio	465,430	249,444		2,000	716,874
South Dakota	1,959	24,202			26,161
Wisconsin	123,052	180,125			303,177
Sub-total	2,079,935	3,397,609	850	5,030	5,483,424
<u>Southern</u>					
Alabama	156,077			6,000	162,077
Arkansas	76,607	19,697			96,304
Delaware	185,208				185,208
District of Columbia	36,220		100		36,320
Florida	286,938			56,968	343,906
Georgia	465,099				465,099
Kentucky	155,858				155,858
Louisiana	257,567			4,756	262,323
Maryland	339,036		22,258		361,294
Mississippi	92,373			60	92,433
North Carolina	241,252		804		242,056
Oklahoma	100,305	18,363			118,668
South Carolina	109,118				109,118
Tennessee	294,939	3			294,942
Texas	542,272	166,075		6,388	714,735
Virginia	212,479		4,655		217,134
West Virginia	44,536	4,010	240		48,786
Sub-total	3,595,884	208,148	28,057	74,172	3,906,261
<u>Western</u>					
Alaska	1,551	2,257			3,808
Arizona	20,018	37,814			57,832
California	472,116	681,154			1,153,270
Colorado	28,415	124,775			153,190
Idaho	1,181	12,189			13,370
Montana	5,476	19,943			25,419
Nevada	5,223	1,844			7,067
New Mexico	2,686	13,290			15,976
Oregon	32,272	76,129			108,401
Utah	6,473	70,004			76,477
Washington	45,204	102,374			147,578
Wyoming	960	3,962			4,922
Sub-total	621,575	1,145,735			1,767,310
<u>Grand total</u>	<u>9,609,102</u>	<u>4,848,477</u>	<u>196,817</u>	<u>79,202</u>	<u>14,733,598</u>

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 12. - Primary distribution of sugar, continental United States, by States, January-February 1970

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights <sup>1/</sup>					
New England					
Connecticut	200,341	6,471	8,071	200	215,083
Maine	73,993	4,051	2,016		80,060
Massachusetts	800,938	38,691	2,401	300	842,330
New Hampshire	46,895	449	1,210		48,554
Rhode Island	60,433	7,393	403		68,229
Vermont	33,247	2,915			36,162
Sub-total	1,215,847	59,970	14,101	500	1,290,418
Mid-Atlantic					
New Jersey	1,345,060	5,938	110,361	300	1,461,659
New York	2,413,572	142,179	98,156		2,653,907
Pennsylvania	1,896,659	79,345	71,839		2,047,843
Sub-total	5,655,291	227,462	280,356	300	6,163,409
North Central					
Illinois	1,107,257	2,442,403	850	42,800	3,593,310
Indiana	646,702	245,381	400		892,483
Iowa	97,656	259,338			356,994
Kansas	108,570	161,194		1,330	271,094
Michigan	531,578	639,584			1,171,162
Minnesota	74,939	379,386			454,325
Missouri	496,262	305,225		2,680	804,167
Nebraska	25,404	257,145			282,549
North Dakota	821	57,748			58,569
Ohio	1,044,552	551,603		3,000	1,599,155
South Dakota	3,231	50,250			53,481
Wisconsin	228,261	342,888			571,149
Sub-total	4,365,233	5,692,145	1,250	49,810	10,108,438
Southern					
Alabama	351,375			6,804	358,179
Arkansas	182,545	33,666			216,211
Delaware	369,157		180		369,337
District of Columbia	69,901		200		70,101
Florida	679,621			93,466	773,087
Georgia	995,420			3,000	998,420
Kentucky	351,637				351,637
Louisiana	572,356			15,137	587,493
Maryland	719,528		45,906		765,434
Mississippi	207,453			130	207,583
North Carolina	594,476		2,040		596,516
Oklahoma	214,217	47,409			261,626
South Carolina	292,794				292,794
Tennessee	618,407	3			618,410
Texas	1,149,748	316,209		13,362	1,479,319
Virginia	473,538		5,658		479,196
West Virginia	119,727	7,070	240		127,037
Sub-total	7,961,900	404,357	54,224	131,899	8,552,380
Western					
Alaska	3,473	4,757			8,230
Arizona	60,759	66,903			127,662
California	1,150,197	1,441,567			2,591,764
Colorado	53,863	233,915			287,778
Idaho	5,219	36,531			41,750
Montana	8,675	44,643			53,318
Nevada	15,524	4,099			19,623
New Mexico	11,548	27,970			39,518
Oregon	94,066	172,305			266,371
Utah	16,298	119,547			135,845
Washington	103,481	243,030			346,511
Wyoming	2,162	9,822			11,984
Sub-total	1,525,265	2,405,089			3,930,354
Grand total	20,723,536	8,789,023	349,931	182,509	30,044,999

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 13.- Primary distribution of sugar, continental United States, by states, January-February 1970

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors <sup>1/</sup>	
	1970	1969	1970	1969	1970	1969
Thousands of hundredweights <sup>2/</sup>						
New England						
Connecticut	200	174	7	1	215	181
Maine	74	78	4		80	78
Massachusetts	801	763	39	7	842	775
New Hampshire	47	52	*		49	52
Rhode Island	61	70	7		68	72
Vermont	33	38	3		36	38
Sub-total	1,216	1,175	60	8	1,290	1,196
Mid-Atlantic						
New Jersey	1,345	1,159	6	115	1,462	1,318
New York	2,413	2,029	142	309	2,654	2,408
Pennsylvania	1,897	1,423	79	484	2,048	1,963
Sub-total	5,655	4,611	227	908	6,164	5,689
North Central						
Illinois	1,107	1,135	2,443	1,023	3,593	2,216
Indiana	647	600	245	138	893	738
Iowa	98	100	259	175	357	275
Kansas	109	69	161	114	271	184
Michigan	531	367	640	399	1,171	766
Minnesota	75	57	379	245	454	304
Missouri	496	400	305	182	804	583
Nebraska	26	26	257	180	283	207
North Dakota	1		58	34	59	34
Ohio	1,044	885	552	373	1,599	1,258
South Dakota	3	3	50	32	54	35
Wisconsin	228	193	343	275	571	468
Sub-total	4,365	3,835	5,692	3,170	10,109	7,068
Southern						
Alabama	351	382			358	386
Arkansas	182	165	34	16	216	181
Delaware	369	245		28	369	273
District of Columbia	70	50		4	70	54
Florida	680	571			773	667
Georgia	995	1,003			998	1,006
Kentucky	352	334		6	352	340
Louisiana	572	569			587	583
Maryland	720	567		44	766	618
Mississippi	208	222			208	222
North Carolina	594	575			597	575
Oklahoma	214	159	48	55	262	214
South Carolina	293	225			293	225
Tennessee	618	603	*		618	604
Texas	1,150	1,014	316	255	1,479	1,279
Virginia	474	454		11	479	471
West Virginia	120	115	7	4	127	119
Sub-total	7,962	7,253	405	423	8,552	7,817
Western						
Alaska	4	5	4	3	8	8
Arizona	61	54	67	24	128	78
California	1,150	1,121	1,442	602	2,592	1,723
Colorado	54	32	234	133	288	165
Idaho	5	5	37	34	42	39
Montana	9	7	44	34	53	41
Nevada	15	12	4	5	19	17
New Mexico	11	11	28	21	39	32
Oregon	94	89	172	93	266	183
Utah	16	12	120	103	136	115
Washington	104	105	243	192	347	297
Wyoming	2	2	10	10	12	12
Sub-total	1,525	1,455	2,405	1,254	3,930	2,710
Grand total	20,723	18,329	8,789	5,763	30,045	24,480

<sup>1/</sup> Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.<sup>2/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

\* Less than 500 hundredweights.



Table 14. - Primary distribution of sugar, continental United States, by States, December 1969 revised

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights <sup>1/</sup>					
<u>New England</u>					
Connecticut	96,765	3,062	6,037		105,864
Maine	38,340	2,516			40,856
Massachusetts	395,024	33,277	4,027		432,328
New Hampshire	25,548	468			26,016
Rhode Island	27,888	8,347	1,260		37,495
Vermont	16,035	3,303			19,338
Sub-total	599,600	50,973	11,324		661,897
<u>Mid-Atlantic</u>					
New Jersey	729,117	3,274	75,459		807,850
New York	1,227,417	80,272	56,530	600	1,364,819
Pennsylvania	1,106,916	33,175	51,728		1,191,819
Sub-total	3,063,450	116,721	183,717	600	3,364,488
<u>North Central</u>					
Illinois	689,493	1,833,881	450	400	2,524,224
Indiana	307,387	168,537			475,924
Iowa	59,509	147,408			206,917
Kansas	39,260	84,785		200	124,245
Michigan	280,937	441,746			722,683
Minnesota	56,351	223,187			279,538
Missouri	264,993	177,638		600	443,231
Nebraska	11,551	134,919			146,470
North Dakota	457	31,069			31,526
Ohio	564,945	259,854			824,799
South Dakota	1,991	29,581			31,572
Wisconsin	129,652	221,215			350,867
Sub-total	2,406,526	3,753,820	450	1,200	6,161,996
<u>Southern</u>					
Alabama	224,788				224,788
Arkansas	83,733	8,980			92,713
Delaware	157,211				157,211
District of Columbia	29,836	-69			29,767
Florida	304,600			75,751	380,351
Georgia	508,532		254		508,786
Kentucky	177,752	1			177,753
Louisiana	341,227			2,478	343,705
Maryland	410,082	-33	20,200		430,249
Mississippi	119,796				119,796
North Carolina	303,925		2,795	400	307,120
Oklahoma	115,282	38,353			153,635
South Carolina	161,432		2		161,434
Tennessee	278,455				278,455
Texas	631,175	128,126		1,699	761,000
Virginia	228,789	3,000	3,599		235,388
West Virginia	62,604	2,935	130		65,669
Sub-total	4,139,219	181,293	26,980	80,328	4,427,820
<u>Western</u>					
Alaska	1,332	2,821			4,153
Arizona	33,030	44,526			77,556
California	726,441	1,130,918	450		1,857,809
Colorado	35,350	119,870			155,220
Idaho	2,789	19,604			22,393
Montana	4,165	24,535			28,700
Nevada	8,132	3,065			11,197
New Mexico	5,915	19,686			25,601
Oregon	44,899	128,195	1,200		174,294
Utah	9,399	48,994			58,393
Washington	56,005	148,567	21,200		225,772
Wyoming	2,328	6,303			8,631
Sub-total	929,785	1,697,084	22,850		2,649,719
<b>Grand total</b>	<b>11,138,580</b>	<b>5,799,891</b>	<b>245,321</b>	<b>82,128</b>	<b>17,265,920</b>

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 15. - Primary distribution of sugar, continental United States, by States, January-December 1969 (revised)

State and region	Cane sugar refiners	Beet sugar processors	Importers of direct- consumption sugar	Mainland cane sugar mills	Total
Hundredweights $\frac{1}{2}$					
<u>New England</u>					
Connecticut	1,215,755	31,869	87,574	600	1,335,798
Maine	495,644	41,831	1,680		539,155
Massachusetts	4,983,500	235,114	59,576	1,200	5,279,390
New Hampshire	378,152	8,726			386,878
Rhode Island	376,552	46,895	19,485		442,932
Vermont	229,570	10,796			240,366
Sub-total	7,679,173	375,231	168,315	1,800	8,224,519
<u>Mid-Atlantic</u>					
New Jersey	8,717,799	141,449	714,534	1,500	9,575,282
New York	14,912,156	715,502	800,348	8,800	16,436,806
Pennsylvania	12,002,579	771,096	583,657		13,357,332
Sub-total	35,632,534	1,628,047	2,098,539	10,300	39,369,420
<u>North Central</u>					
Illinois	8,498,914	14,529,659	3,400	73,750	23,105,723
Indiana	4,119,385	1,650,830	10,200		5,780,415
Iowa	687,908	1,729,517			2,417,425
Kansas	547,752	1,013,615		4,450	1,565,817
Michigan	3,202,067	4,188,692			7,390,759
Minnesota	464,612	2,502,087		6,000	2,972,699
Missouri	3,359,546	1,791,586		8,250	5,159,382
Nebraska	167,658	1,563,273		2,100	1,733,031
North Dakota	3,798	309,768			313,566
Ohio	7,108,939	3,066,185	2,600	10,000	10,187,724
South Dakota	21,795	321,558			343,353
Wisconsin	1,522,806	2,787,079			4,309,885
Sub-total	29,705,180	35,453,849	16,200	104,550	65,279,779
<u>Southern</u>					
Alabama	2,652,127			12,943	2,665,070
Arkansas	1,151,133	124,477			1,275,610
Delaware	1,805,268	39,261	2,870		1,847,399
District of Columbia	414,393	4,131	2,500		421,024
Florida	3,997,521			769,767	4,767,288
Georgia	7,020,276		991	18,585	7,039,852
Kentucky	2,322,398	57,768			2,380,166
Louisiana	3,920,060			46,850	3,966,910
Maryland	4,610,194	48,462	252,981	2,004	4,913,641
Mississippi	1,488,317			20	1,488,337
North Carolina	4,108,562		12,810	1,000	4,122,372
Oklahoma	1,231,209	455,403	1,852		1,688,464
South Carolina	1,868,382		4		1,868,386
Tennessee	4,044,701	5,813	2,117	800	4,053,431
Texas	7,223,174	2,648,759	60	49,580	9,921,573
Virginia	3,015,866	21,101	49,637		3,086,604
West Virginia	855,563	15,104	6,390		877,057
Sub-total	51,729,144	3,420,279	332,212	901,549	56,383,184
<u>Western</u>					
Alaska	33,883	29,663			63,546
Arizona	377,958	392,055			770,013
California	9,183,369	12,426,275	46,286	600	21,656,530
Colorado	289,532	1,363,397			1,652,929
Idaho	43,718	345,339			389,057
Montana	43,212	285,853			329,065
Nevada	102,832	39,153			141,985
New Mexico	76,082	185,336			261,418
Oregon	706,492	1,477,391	8,700		2,192,583
Utah	100,920	704,418		400	805,738
Washington	792,913	1,899,480	46,714		2,739,107
Wyoming	11,737	78,479			90,216
Sub-total	11,762,648	19,226,839	101,700	1,000	31,092,187
<b>Grand total</b>	<b>136,508,679</b>	<b>60,104,245</b>	<b>2,716,966</b>	<b>1,019,199</b>	<b>200,349,089</b>

1/ Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.

Table 16.- Primary distribution of sugar, continental United States, by states, January-December 1969 and 1968 revised

State and Region	Cane sugar		Beet		Total all	
	refiners		processors		Primary Distributors <sup>1/</sup>	
	1969	1968	1969	1968	1969	1968
Thousands of hundredweights <sup>2/</sup>						
<u>New England</u>						
Connecticut	1,216	1,267	32	16	1,336	1,370
Maine	496	526	42	30	539	556
Massachusetts	4,983	4,956	235	57	5,280	5,187
New Hampshire	378	373	9	2	387	376
Rhode Island	377	417	46	7	443	447
Vermont	229	224	11	2	240	227
Sub-total	7,679	7,763	375	114	8,225	8,163
<u>Mid-Atlantic</u>						
New Jersey	8,718	8,994	141	26	9,575	9,903
New York	14,912	14,971	716	408	16,437	16,486
Pennsylvania	12,003	12,828	771	147	13,357	13,672
Sub-total	35,633	36,793	1,628	581	39,369	40,061
<u>North Central</u>						
Illinois	8,499	10,342	14,530	14,620	23,106	25,028
Indiana	4,119	4,283	1,651	1,497	5,780	5,800
Iowa	688	749	1,729	1,746	2,417	2,495
Kansas	548	542	1,014	1,044	1,566	1,587
Michigan	3,202	3,617	4,189	4,180	7,391	7,797
Minnesota	464	516	2,502	2,439	2,973	2,959
Missouri	3,359	3,577	1,792	1,921	5,159	5,504
Nebraska	168	184	1,563	1,634	1,733	1,822
North Dakota	4	6	310	320	314	326
Ohio	7,109	8,152	3,066	2,357	10,188	10,518
South Dakota	22	19	321	390	343	409
Wisconsin	1,523	1,620	2,787	2,800	4,310	4,420
Sub-total	29,705	33,607	35,454	34,948	65,280	68,665
<u>Southern</u>						
Alabama	2,652	2,726			2,665	2,735
Arkansas	1,151	1,150	125	142	1,276	1,292
Delaware	1,805	1,938	39	11	1,847	1,973
District of Columbia	415	427	4		421	439
Florida	3,998	3,739			4,767	4,486
Georgia	7,020	6,704			7,040	6,717
Kentucky	2,322	2,358	58	7	2,380	2,366
Louisiana	3,920	3,922			3,967	3,990
Maryland	4,610	4,537	48	10	4,914	4,882
Mississippi	1,488	1,582			1,488	1,583
North Carolina	4,109	4,365			4,122	4,385
Oklahoma	1,231	1,229	455	445	1,688	1,676
South Carolina	1,868	1,816			1,868	1,816
Tennessee	4,045	3,885	6	1	4,054	3,888
Texas	7,223	7,546	2,649	2,221	9,922	9,820
Virginia	3,016	3,107	21	8	3,087	3,217
West Virginia	856	799	15	20	877	830
Sub-total	51,729	51,830	3,420	2,865	56,383	56,095
<u>Western</u>						
Alaska	34	39	30	29	64	68
Arizona	378	399	392	383	770	782
California	9,183	10,275	12,426	12,238	21,657	22,734
Colorado	290	227	1,363	1,406	1,653	1,633
Idaho	44	43	345	318	389	361
Montana	43	50	286	292	329	342
Nevada	103	95	39	39	142	134
New Mexico	76	71	185	215	261	286
Oregon	706	616	1,478	1,534	2,192	2,158
Utah	101	105	705	729	806	834
Washington	793	697	1,900	1,905	2,739	2,636
Wyoming	12	7	78	72	90	79
Sub-total	11,763	12,624	19,227	19,160	31,092	32,047
Grand total	136,509	142,617	60,104	57,668	200,349	205,031

<sup>1/</sup> Includes deliveries by importers of direct-consumption sugar and mainland cane sugar mills.<sup>2/</sup> Reported as produced or imported and delivered except liquid sugar which is on a sugar solids content basis.



Table 17.-Sugar prices

Period	: Raw cane sugar-spot price :		Quota	: Refined beet sugar - quoted		
	: Domestic :		premium	: wholesale (gross) 4/		
	: sugar at NY.:	"World"	and 3/	: Eastern :	Chicago- :	Pacific
	: duty paid 1/	sugar 2/	: discount :	:	:	: Coast
Cents per pound						
1965-69 Monthly average	7.26	2.26	+4.03	9.69	9.69	9.88
1968 Monthly average	7.52	1.98	+4.56	9.94	9.94	10.35
1969 Monthly average	7.75	3.37	+3.38	10.23	10.23	10.14
1969						
April	7.80	3.76	+3.04	10.10	10.10	10.10
May	7.82	3.78	+3.04	10.50	10.50	10.10
June	7.74	3.95	+2.79	10.49	10.49	10.10
July	7.50	3.72	+2.78	10.35	10.35	10.25
August	7.75	3.18	+3.57	10.35	10.35	10.25
September	7.83	3.10	+3.73	10.35	10.35	10.25
October	7.89	3.12	+3.77	10.35	10.35	10.25
November	7.79	3.08	+3.71	10.35	10.35	10.16
December	7.73	2.86	+3.87	10.35	10.35	9.81
1970						
January	8.11	3.12	+3.91	10.50	10.50	10.38
February	7.96	3.23	+3.61	10.58	10.58	10.50
March	7.90	3.44	+3.34	10.85	10.85	10.50
Last 12-month average	7.82	3.36	+3.43	10.43	10.43	10.22
Year and month	: Refined cane sugar - quoted wholesale (gross) 4/ :					: Retail
	: North : South : Gulf : Chicago- : Pacific :					: U.S.
	: East :	East :	Gulf :	West :	Coast :	: average
	: East :	East :	Gulf :	West :	Coast :	: average
Cents per pound						
1965-69 Monthly average	10.70	10.24	10.10	9.80	9.88	12.12
1968 Monthly average	10.84	10.59	10.45	9.94	10.35	12.18
1969 Monthly average	11.44	10.85	10.50	10.23	10.14	12.40
1969						
April	11.29	10.85	10.27	10.10	10.10	12.30
May	11.50	10.85	10.50	10.50	10.10	12.38
June	11.50	10.85	10.50	10.49	10.10	12.44
July	11.60	10.85	10.50	10.35	10.25	12.50
August	11.60	10.85	10.50	10.35	10.25	12.52
September	11.60	10.86	10.50	10.35	10.25	12.52
October	11.70	11.00	10.65	10.35	10.25	12.50
November	11.70	11.00	10.65	10.35	10.16	12.48
December	11.70	11.00	10.65	10.35	9.81	12.48
1970						
January	11.70	11.06	10.80	10.50	10.38	12.54
February	11.70	11.20	10.87	10.58	10.50	12.58
March	11.70	11.20	10.90	10.85	10.50	
Last 12-month average	11.61	10.96	10.61	10.43	10.22	

1/ Spot prices are for bulk sugar under Contract No. 10 which, beginning November 21, 1966, replaces Contract No. 7. The terms of these contracts are duty paid or duty free, full duty rate .625 cents per pound.

2/ Spot prices are those under No. 8 Contract which is for bagged sugar f.o.b. and stowed at Greater Caribbean ports (including Brazil).

3/ The No. 10 "Domestic Bulk" Contract has been adjusted by deducting duty (.625¢), computed freight from the Greater Caribbean ports (including Brazil), insurance and unloading charges and adding the bag allowance (currently .55¢) before calculating the differential from No. 8 "World" Contract spot prices.

4/ These are basis prices in 100-pound paper bags, NOT delivered prices. To obtain delivered prices add "Freight Prepays" and deduct discounts and allowances. For illustration see Sugar Reports 81 January 1959 pages 5 to 9.

Table 18-Wholesale price quotations for sugar, dextrose and corn sirup

Period	Refined sugar wholesale North- east 1/	Dextrose New York 2/	Corn sirup New York 3/	Dextrose relative to refined sugar	Corn sirup relative to refined sugar
	Quoted : Dry 4/ basis	Quoted : Dry 4/ basis	Quoted : Dry 4/ basis	Quoted : Dry : basis	Quoted : Dry : basis
Cents per pound					
Percent					
1952	8.62	7.29	7.92	7.37	9.18
1953	8.72	7.35	7.99	7.32	9.12
1954	8.72	7.32	7.96	7.32	9.12
1955	8.59	7.22	7.85	7.25	9.03
1956	8.77	7.28	7.91	7.15	8.90
Average 1952-56	8.68	7.29	7.93	7.28	9.07
1957	9.15	7.65	8.32	7.36	9.17
1958	9.27	7.66	8.33	7.37	9.18
1959	9.33	7.48	8.13	7.31	9.10
1960	9.43	7.48	8.13	7.32	9.12
1961	9.40	7.45	8.10	7.23	9.00
Average 1957-61	9.32	7.54	8.20	7.32	9.11
1962	9.60	7.40	8.04	7.01	8.73
1963	11.94	8.37	9.10	7.38	9.19
1964	10.68	8.14	8.85	6.71	8.36
1965	10.22	8.00	8.70	6.64	8.27
1966	10.36	8.16	8.87	6.70	8.34
Average 1962-66	10.56	8.01	8.71	6.89	8.58
1967	10.62	8.37	9.10	6.75	8.40
1968	10.84	8.53	9.27	6.31	7.85
1969	11.44	8.98	9.77	6.26	7.80
1969					
April	11.29	8.77	9.53	6.18	7.70
May	11.50	8.96	9.74	6.18	7.70
June	11.50	9.09	9.88	6.18	7.70
July	11.60	9.09	9.88	6.18	7.70
August	11.60	9.09	9.88	6.18	7.70
September	11.60	9.15	9.95	6.39	7.96
October	11.70	9.16	9.96	6.43	8.01
November	11.70	9.16	9.96	6.43	8.01
December	11.70	9.16	9.96	6.43	8.01
1970					
January	11.70	9.16	9.96	6.45	8.03
February	11.70	9.17	9.97	6.50	8.09
March	11.70	9.24	10.04	6.50	8.09
Last 12-month average	11.61	9.10	9.89	6.34	7.89

1/ Gross basis price in 100-pound bags subject to a 2 percent cash discount.

2/ Hydrate, commercial bags less than carlots, ex whse., N.Y., N.Y. Beginning April 1964 price is for 600 bag carload f.o.b. N.Y.

3/ For regular conversion sirup (38-49 D.E.) in tank cars New York, N.Y., except prior to April 1964 price quotation is for corn sirup in drums. Quoted as 43° Baume unmixed, except prior to March 1956 quotation is for 42° Baume unmixed.

4/ Assumes price is for 92 percent solids for dextrose and 80.3 percent solids for corn sirup. Thus dry basis price is quoted price divided by 0.92 for dextrose and 0.803 for corn sirup.



Table 19.-Refined sugar production and month end stocks

Year and month	Production		Month-end stocks <u>1/</u>	
	Cane	Beet	Cane	Beet
	sugar	processors	sugar	processors
	refiners		refiners	
1,000 short tons, raw value				
1965-69 monthly average	606	248	274	1,186
1968 monthly average	642	253	293	1,042
1969 monthly average	613	270	278	1,217
1969				
April	587	116	277	1,486
May	660	137	291	1,355
June	657	96	292	1,150
July	701	78	307	917
August	698	95	307	669
September	696	153	278	489
October	643	562	298	769
November	551	623	297	1,156
December	574	567	269	1,413
1970				
January	585	475	254	1,677
February	529 <sup>2/</sup>	290	264 <sup>2/</sup>	1,707
March <sup>3/</sup>	627	132	274	1,553
Last 12-month average	626	277	284	1,195

1/ Includes over-quota and quota exempt.2/ Revised3/ Preliminary

Table 20- Raw sugar receipts, within quotas for consumption in continental United States, 1969

Area of origin	Month of arrival												
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year total
	1,000 short tons, raw value												
<u>Domestic</u>	<u>By area of origin</u>												
Hawaii	33	42	26	73	100	155	118	137	158	102	133	78	1,155
Puerto Rico			57	39	45	11		20	12	27			211
Virgin Islands													
Sub-total	33	42	83	112	145	166	118	157	170	129	133	78	1,366
<u>Foreign</u>													
Argentina	41		12			16				10			79
Australia	3								50		124	16	193
Bahamas			3	2	3	2							10
Bolivia										7			7
Brazil	88	17	19	35	93	85	80	85	68	30	30	11	641
British Honduras	1			5		4			4	3			17
British West Indies	2	21		29	45	20		4	33	21	24	28	227
China	3			45			24					8	80
Colombia	1	10			9		12	21	11	4			68
Costa Rica	9			20	4	11	5	6	6	13	1		75
Dominican Republic	2	13	65	95	82	89	71	47	60	62	50	57	693
Ecuador	1						22	10	35	9		16	93
El Salvador	31			2			8		4			2	47
Fiji Islands	1						32					9	42
French West Indies			10	13	25		21			2			71
Guatemala	13		19	10	12	5			5				64
Haiti				10		6			1				17
Honduras	6								2				8
India	3				30	12		13				19	77
Malagasy Republic												9	9
Mauritius										18			18
Mexico	51	39	6	127	103	87	141	22	44	23	10	2	655
Nicaragua				17	14	6	6	2				25	70
Panama			4	7	4	12	2	5		5	1	1	41
Peru	5	29	43	30			18		22	43	42	68	300
Philippines		61	125	120	91	146	96	136	35	76		233	1,119
South Africa	12		11						34				57
Swaziland											7		7
Thailand									18				18
Venezuela	17			2	8					5			32
Sub-total	290	190	317	569	523	501	538	351	432	331	289	504	4,835
Total	323	232	400	681	668	667	656	508	602	460	422	582	6,201
	<u>By port of entry</u>												
<u>All areas</u>													
Boston	61	36	32	47	69	43	30	28	37	24	57	40	504
New York	59	33	79	118	151	123	104	92	120	131	82	143	1,235
Philadelphia	63	38	44	65	132	60	81	71	79	84	61	100	878
Baltimore	46		36	67	45	95	55	22	66	37	41	85	595
Savannah	1		1				20	11	12		24	7	76
New Orleans	60	77	155	233	171	168	271	159	179	94	90	58	1,715
Galveston - Houston		31	6	40		76	32	25	27	27	2	31	297
San Francisco	33	17	47	111	100	102	63	100	82	63	65	118	901
Total	323	232	400	681	668	667	656	508	602	460	422	582	6,201
<u>Domestic</u>													
Boston													
New York			19					20			11		50
Philadelphia									10	31			41
Baltimore					20							11	31
Savannah									12		24		36
New Orleans			38	39	25	11	29	11	39	8	33	16	249
Galveston		25				53	26	26	27	26		25	208
San Francisco	33	17	26	73	100	102	63	100	82	64	65	26	751
Total	33	42	83	112	145	166	118	157	170	129	133	78	1,366

Table 20 - (Continued) Raw sugar receipts, within quotas for consumption in continental United States, 1969

Area of origin	Port of entry								All ports
	Boston	New York	Phila- delphia	Balti- more	Savannah	New Orleans	Galveston Houston	San Francisco	
1,000 short tons, raw value									
<u>Domestic</u>									
Hawaii		11	22	11	24	128	208	751	1,155
Puerto Rico		39	19	20	12	121			211
Sub-total		50	41	31	36	249	208	751	1,366
<u>Foreign</u>									
Argentina	6	6	34	32	1				79
Australia	49	54	44			46			193
Bahamas	1	4				5			10
Bolivia						7			7
Brazil	16	139	135	54		280	17		641
British Honduras				1		16			17
British West Indies	24	75	48	11		69			227
China		3	23	8		46			80
Colombia	12		10			46			68
Costa Rica	33	15				27			75
Dominican Republic	193	134	112	176	21	37	20		693
Ecuador		61	16			16			93
El Salvador		19	16			12			47
Fiji Islands	14	10	1			17			42
French West Indies	11	22				38			71
Guatemala	9		8			47			64
Haiti		7				10			17
Honduras		2				6			8
India	65	12							77
Malagasy Republic		9							9
Mauritius			17	1					18
Mexico	32		54	124		381	52	12	655
Nicaragua	5	17	9			39			70
Panama						41			41
Peru	29	84	54	42	7	84			300
Philippines		475	232	90	11	173		138	1,119
South Africa	5	17	22	13					57
Swaziland		7							7
Thailand						18			18
Venezuela		13	2	12		5			32
Sub-total	504	1,185	837	564	40	1,466	89	150	4,835
Total	504	1,235	878	595	76	1,715	297	901	6,201

Table 21-Direct-consumption sugar receipts within quotas for consumption in continental United States, 1969

Area of origin or months	Port of entry								All ports
	New York	Phila- delphia	Balti- more	Virginia	South Carolina	California	Washington and Oregon		
Short tons, raw value									
By area of origin									
Hawaii						26	4,691	4,717	
Ireland	1,726	1,263	2,372					5,361	
Panama	1,511		1,682					3,193	
Philippines						2,428	2,965	5,393	
Puerto Rico	107,881		21,450	128	476	24		129,959	
Total	111,118	1,263	25,504	128	476	2,478	7,656	148,623	
By month of arrival									
January							289	289	
February	3,449		859			26	171	4,505	
March	13,801		1,758				584	16,143	
April	11,733		3,656				766	16,155	
May	9,075	675	2,352				950	13,052	
June	9,874	588	2,428		86	24	170	13,170	
July	9,502		2,497		20		1,452	13,471	
August	10,555		2,222		21	1,199	365	14,362	
September	11,791		2,305		89	1,229	681	16,095	
October	10,481		3,905		86		1,006	15,478	
November	11,840		2,061		69		24	13,994	
December	9,017		1,461	128	105		1,198	11,909	
Total	111,118	1,263	25,504	128	476	2,478	7,656	148,623	



Supplement to SUGAR STATISTICS, Volume II, for Hawaii and Puerto Rico

This supplement brings to date Statistical Bulletin No. 244, "Sugar Statistics and Related Data," Volume II (revised), issued February 1969 as it relates to the domestic cane areas of Hawaii and Puerto Rico.

Some readers may want to transcribe the data appearing in this supplement to the tables in that bulletin. A cross-reference of the tables in this supplement to the corresponding tables in Volume II is shown below.

Copies of Statistical Bulletin No. 244 may be obtained upon request to the Information Division, Agricultural Stabilization and Conversation Service, U. S. Department of Agriculture, Washington, D.C. 20250.

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A. SUGAR PRODUCTION

Area	Crop year	96 <sup>0</sup> basis	Raw value	Refined equivalent	Table in Vol. 11
1,000 tons					
Hawaii	1968		1,232	1,151	38
	1969		1,182	1,105	
Puerto Rico	1968-69	478	483	451	43

B. FARMS, ACREAGE, SUGARCANE PRODUCTION AND YIELD

Area	Crop year	Farms	Cane acreage		Cane production		Table in Vol. 11
			Growing	Harvested	Total	Per harvested acre	
		<u>Number</u>	<u>1,000 acres</u>		<u>1,000 tons</u>	<u>Tons</u>	
Hawaii	1968	518 <sup>1/</sup>	242.5	113.5	11,280	99.4	39
	1969	528 <sup>1/</sup>	242.2	113.2	10,839	95.7	
Puerto Rico	1967-68	7,753	n.a.	237.1	6,590	27.8	45
	1968-69	6,531	n.a.	180.1	5,897	32.7	

<sup>1/</sup> Farms harvesting cane.

## C. NUMBER OF FARMS BY SIZE GROUPS: SUGARCANE ACREAGE HARVESTED PUERTO RICO - Table 44 in Vol. II

Size group of harvested acres		1967-68	1968-69
0.1	5.0	4,004	3,330
5.1	10.0	1,398	1,188
10.1	15.0	584	534
15.1	25.0	543	467
25.1	50.0	532	432
50.1	100.0	296	266
100.1	150.0	105	103
150.1	200.0	58	62
200.1	250.0	49	41
250.1	500.0	125	71
500.1	750.0	35	20
750.1	1,000.0	6	2
1,000.1	1,500.0	4	6
1,500.1	2,000.0	10	3
2,000.1	3,000.0	-	1
3,000.1 and above		4	5
Total		7,753	6,531

## D. MANUFACTURING DATA

## Hawaii, Table 40 in Vol. II

Crop year	Cane ground for sugar	Raw sugar	Sugar produced	Per ton of cane ground	Sucrose content in cane	Recovery of sucrose in raw sugar from sucrose in cane
	1,000 tons		Pounds	raw value	Percent	
1968	11,280	1,232		218	10.92	12.15
1969	10,839	1,182		218	10.90	n.a.

## Puerto Rico, Table 46 in Vol. II

Crop year	Cane ground for sugar	96° basis	Raw sugar	96° basis	Raw sugar	96° basis	Raw value	Sucrose content in cane	Crusher juice sucrose	Crusher juice purity	Recovery of sucrose in raw sugar from sucrose in cane
	1,000 tons		Pounds		Pounds			Percent			
1967-68	6,590	637	645	193	196	9.67	9.79	11.97	15.72	81.45	77.55
1968-69	5,897	478	483	162	164	8.11	8.19	10.54	13.91	78.81	73.87

## E. SUGAR ACT PAYMENTS

Area	Crop year	Producer payees	Payments						Table in Vol. II
			For sugarcane marketed	For acreage: abandonment due to disaster	For deficiency in yields	Total	Per farm	Per cwt. sugar raw value	
		Number	Dollars						
Hawaii	1968	628	10,860,746	-	-	10,860,746	20,967	44	41
Puerto Rico	1967-68	7,911	8,944,721	-	589,060	9,533,781	1,230	74	47
	1968-69	6,671	6,786,010		540	6,786,550	1,039	70	

## F. VALUE OF RAW SUGAR AND MOLASSES, HAWAII

Crop year	Value from sale		Total	Table in Vol. II
	Raw sugar	Molasses		
1,000 dollars				
1968	182,455	6,341	188,796	42
1969	171,498	7,196	178,694	

## G. VALUE OF RAW SUGAR, MOLASSES AND GROWERS' RETURNS FROM SUGARCANE

Area	Crop year	Value from sale			Growers' returns from sugarcane			Table in Vol. II
		Raw sugar	Molasses	Total	Processor payments	Sugar Act payments	Total	
1,000 dollars								
Puerto Rico	1965-66	123,443	6,136	129,579	74,868	11,882	86,750	48
	1966-67	119,101	7,776	126,877	74,093	11,066	85,159	
	1967-68 <sup>1/</sup>	97,008	5,675	102,683	59,771	9,534	69,305	
	1968-69 <sup>1/</sup>	74,865	5,390	80,255	46,822	6,787	53,609	

<sup>1/</sup> Estimated

## H. GROWERS' RETURNS PER TON OF SUGARCANE PRODUCED FOR SUGAR

Area	Crop year	Raw sugar	Molasses				Abandonment	Total	Table in Vol. II
		per	per	Sugar	Molasses	Sugar	and		
		pound	gallon				deficiency		
		Cents	Dollars per ton						
Puerto Rico	1966-67	6.68	14.73	8.45	.63	1.33	.03	10.44	49
	1967-68 <sup>1/2</sup>	6.90	12.81	8.50	.57	1.36	.09	10.52	
	1968-69 <sup>1/2</sup>	7.13	13.00	7.34	.60	1.15	--	9.09	

<sup>1/</sup> Estimated

## I. TOTAL RETURNS FROM SUGAR AND MOLASSES: DISTRIBUTION BETWEEN GROWER AND PROCESSORS

Area	Crop year	Total returns excluding Government payments		Total returns including Government payments		Table in Vol. II
		Grower	Processor	Grower	Processor	
		Percent				
Puerto Rico	1967-68 <sup>1/</sup>	58	42	62	38	50
	1968-69 <sup>1/</sup>	58	42	62	38	

<sup>1/</sup> Estimated



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Agricultural Stabilization and Conservation Service  
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